

**BY ORDER OF THE COMMANDER
50TH SPACE WING**

50TH SPACE WING INSTRUCTION 10-1205

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Operations

CAPABILITY ASSESSMENT REPORTING

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements provisions of Air Force Space Command Instruction (AFSPCI) 10-1204, *Satellite Operations*, by establishing criteria to define mission degradation and System Capabilities (SYSCAP) and Operational Capabilities (OPSCAP). This instruction is applicable to Air Force Reserve Command (AFRC) personnel when on duty status. This publication does not apply to the Air National Guard (ANG). Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with (IAW) Air Force Manual (AFMAN) 33-363, *Management of Records* and disposed of IAW the Records Disposition Schedule (RDS) located at <https://my.af.mil/afrims/afrims/afrims/rims.cfm>. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using Air Force (AF) Form 847, *Recommendation for Change of Publication*; route AF Form 847s from the field through the appropriate organizational chain of command. This instruction will be updated as needed to reflect the most current roles and responsibilities as future capabilities and concepts become operational. The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the AF. See Attachment 1 for a glossary of references and supporting information.

1. SYSCAP: Is a continuous assessment of the capability of a system or program to perform its mission. The use of SYSCAP will be left to the discretion of the group commander. OPSCAP is a continuous assessment of the capability of the major components of a system or program to perform the mission. SYSCAP and OPSCAP assessments support real-time planning and serve as a measure of system capability.

1.1. AFSPCI 10-1204, *Satellite Operations*, directs Space Wings (SW) to develop specific criteria to define mission degradation. The following conditions will be used to determine if a SYSCAP or OPSCAP change has taken place and to classify the type of change.

1.2. Fully Mission Capable (FMC)/Green Condition: Equipment/systems are capable of performing required functions with no loss of mission capability.

1.2.1. Partially Mission Capable (PMC)/Yellow Condition: Units will define requirements for PMC based on one or both of the following definitions:

1.2.1.1. Equipment/systems are capable of performing limited functions such that they can accomplish at least one, but not all mission requirements.

1.2.1.2. Equipment/systems with redundant capabilities have lost sufficient redundancy resulting in loss of mission support

1.2.2. Standby (SB)/White Condition: Equipment/systems are in standby mode, undergoing testing, or awaiting check out.

1.2.3. Not Mission Capable (NMC)/Red Condition: Equipment/systems are unable to accomplish any mission requirements due to complete or nearly complete loss of functionality.

1.3. Each 50 SW unit will utilize SYSCAP and/or OPSCAP guidelines approved by the 50 Operations Group Commander (50 OG/CC) or 50 Network Operations Group Commander (50 NOG/CC), as appropriate, to report capability changes. Degradations will be assessed 30 minutes from the initial indications of the problem or at the Squadron Commander or Director of Operations discretion.

WILLIAM J. LIQUORI, Jr., Colonel, USAF
Commander

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFI10-206, *Operational Reporting*, 06 September 2011

AFMAN33-363, *Management of Records*, 01 March 2008

AFSPCI10-1204, *Satellite Operations*, 15 May 2009

AFI10-206_AFSPCSUP1, *Operational Reporting*, 1 April 2009

Adopted Form

AF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

AF—Air Force

AFRC—Air Force Reserve Command

AFSPCI—Air Force Space Command Instruction

AFMAN—Air Force Manual

ANG—Air National Guard

CC—Commander

FMC—Fully Mission Capable

IAW—In Accordance With

JSpOC—Joint Space Operations Center

NMC—Not Mission Capable

NOG—Network Operations Group

OG—Operations Group

OGV—Standardization and Evaluation Division

OPR—Office of Primary Responsibility

OPSCAP—Operational Capability

PMC—Partially Mission Capable

RDS—Records Disposition Schedule

SB—Standby

SPINS—Special Instructions

SW—Space Wing

SYSCAP—Systems Capability